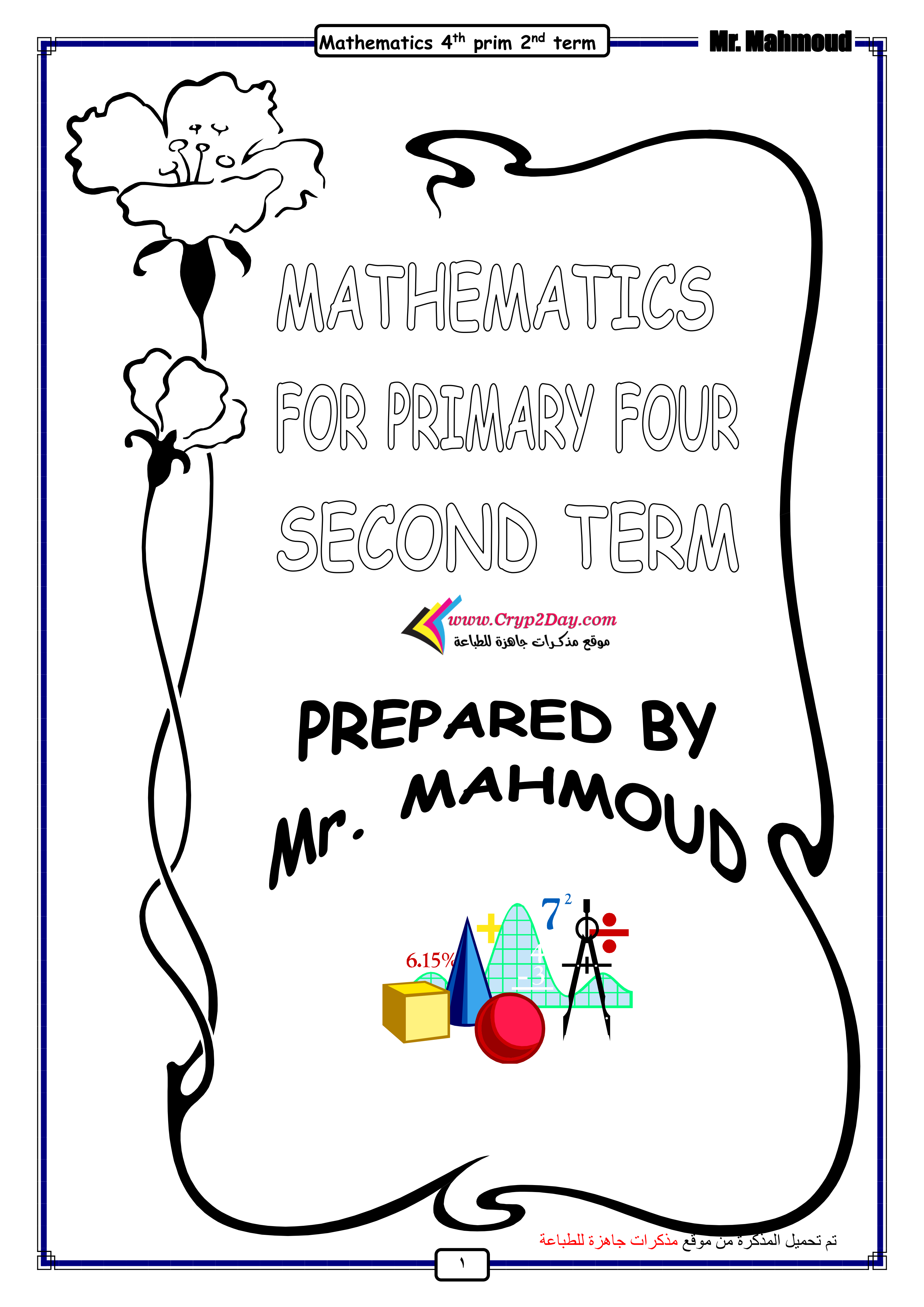


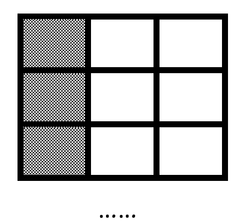
MATHEMATICS
FOR PRIMARY FOUR
SECOND TERM

PREPARED BY
Mr. MAHMOUD

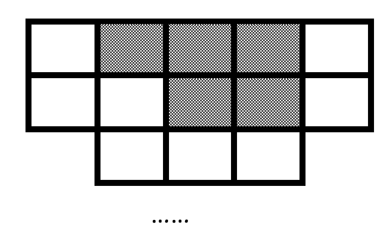
Sheet (1)

Reviewing what was studied about fractions

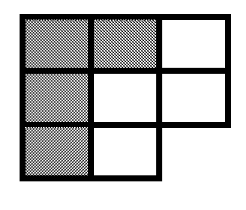
[1] Write the fraction :



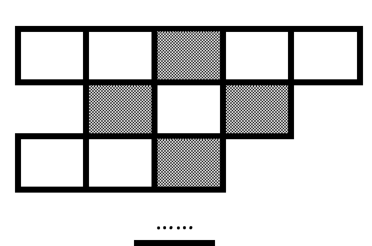
$\frac{......}{......}$



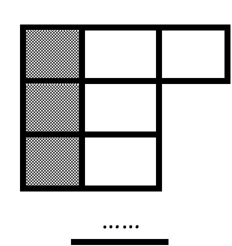
$\frac{......}{......}$



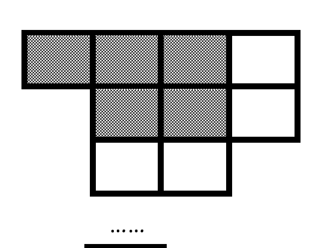
$\frac{......}{......}$



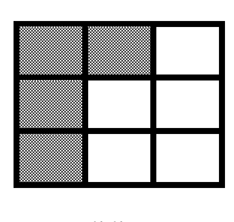
$\frac{......}{......}$



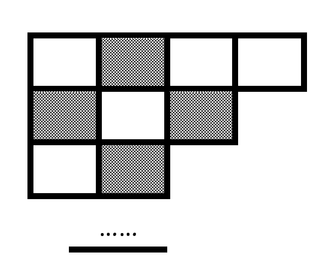
$\frac{......}{......}$



$\frac{......}{......}$



$\frac{......}{......}$



$\frac{......}{......}$

[2] Complete

$١ = \frac{٣}{......} = \frac{......}{٨} = \frac{١٠}{......} = \frac{٥}{......}$

$\frac{١}{٤} = \frac{......}{٨} = \frac{٣}{......} = \frac{......}{٢٠} = \frac{١٠}{......}$

$\frac{١}{٢} = \frac{٥}{......} = \frac{٣}{......} = \frac{٦}{......} = \frac{......}{٢٠}$

$\frac{٢}{٣} = \frac{......}{٦} = \frac{٦}{......} = \frac{......}{١٥} = \frac{٢٠}{......}$

$\frac{٢}{٥} = \frac{٤}{......} = \frac{٦}{......} = \frac{٨}{......} = \frac{......}{٢٥}$

$\frac{١}{٣} = \frac{......}{٦} = \frac{٣}{......} = \frac{......}{١٥} = \frac{٦}{......}$

[3] Simplify :

$\frac{٦}{١٢} =$

$\frac{٧}{٢١} =$

$\frac{٥}{٢٠} =$

$\frac{١٥}{٢٧} =$

$\frac{٨}{٢٤} =$

$\frac{٩}{٢٧} =$

$\frac{١٢}{٤٢} =$

$\frac{٢٤}{٣٦} =$

[4] Complete :

$\frac{٧٠}{١٠}$ = ...

$\frac{٢٠}{٥}$ = ...

$\frac{٢٨}{٧}$ = ...

$\frac{٩}{٣}$ = ...

$\frac{٣٠}{١٠}$ = ...

$\frac{٩٠}{٣}$ = ...

$\frac{٣٦}{٦}$ = ...

$\frac{١٥}{٣}$ = ...

[5] Complete :

$\frac{٥}{٧} + \frac{١}{٧} = \frac{......}{......}$

$\frac{٩}{١١} - \frac{٣}{١١} = \frac{......}{......}$

$\frac{٥}{٩} + \frac{١}{٩} = \frac{......}{......}$

$\frac{٩}{١٢} - \frac{٣}{١٢} = \frac{......}{......}$

$\frac{٢}{٥} + \frac{٣}{٥} = \frac{......}{......} =$ ......

$\frac{٩}{١٣} - \frac{٤}{١٣} = \frac{......}{......}$

$\frac{٢}{٥} + \frac{......}{......} = \frac{٣}{٥}$

$\frac{٤}{٧} - \frac{......}{......} = \frac{١}{٧}$

$\frac{٢}{٨} + \frac{......}{......} = \frac{٥}{٨}$

$\frac{٤}{٥} - \frac{......}{......} = \frac{١}{٥}$

$\frac{٢}{٣} + \frac{......}{......} = ١$

$١ - \frac{......}{......} = \frac{١}{٨}$

$\frac{٢}{٥} + \frac{......}{......} = ١$

$١ - \frac{......}{......} = \frac{١}{٣}$

[6] Write the fraction in digits:

Half = .../...... Quarter = .../...... Third = .../......

One fifth = .../...... Two Sixths = .../......

Three eighths = .../...... One tenth = .../......

Three quarters = .../...... Two thirds = .../......

Four sevenths = .../...... Three eighths = .../......

Five ninths = .../...... Nine tenths = .../......

[7] Write the fraction in words:

١/٢ = ... ١/٣ = ...

١/٤ = ... ٢/٣ = ...

٣/٤ = ... ١/٥ = ...

٢/٥ = ... ٢/٦ = ...

٣/٧ = ... ٤/٨ = ...

٥/٩ = ... ٣/١٠ = ...

١/٧ = ... ١/٩ = ...

٣/٥ = ... ٥/٨ = ...



[8] Complete the following table:

	Numerator	Denominator	The Fraction	Read as
1	١	٢	$\frac{......}{......}$	....
2	٢	......	$\frac{......}{7}$	....
3	......	٣	$\frac{2}{......}$	....
4	......	......	$\frac{5}{8}$	....
5	......	......	$\frac{......}{......}$	Seven ninths



[9] Complete using (<), (>) or (=):

0. $\frac{3}{5}$ ○ $\frac{2}{5}$
1. $\frac{7}{9}$ ○ $\frac{8}{9}$
2. $\frac{5}{5}$ ○ $\frac{4}{4}$
3. $\frac{5}{11}$ ○ $\frac{3}{11}$
4. $\frac{3}{5}$ ○ $\frac{3}{7}$
5. $\frac{2}{7}$ ○ $\frac{2}{3}$
6. $\frac{3}{3}$ ○ $\frac{3}{5}$
7. $\frac{3}{6}$ ○ $\frac{1}{2}$
8. ١ ○ $\frac{3}{5}$
9. $\frac{2}{3}$ ○ ١
10. ٠ ○ $\frac{5}{5}$
١. $\frac{8}{3}$ ○ $\frac{8}{5}$

[10] Arrange the following numbers in an ascending order:

1. $\frac{7}{10}$ $\frac{2}{10}$ $\frac{4}{10}$ $\frac{3}{10}$ The order is: ....
2. $\frac{2}{3}$ $\frac{2}{7}$ $\frac{2}{5}$ $\frac{2}{9}$ The order is: ....
3. $\frac{5}{8}$ ١ $\frac{3}{8}$ $\frac{1}{8}$ The order is: ....







Sheet (2)
Fractions

Proper fraction:

Is just a fraction where its numerator is less than its denominator, such as: $\frac{1}{5}, \frac{2}{3}, \frac{5}{7}, \frac{10}{21}, ...$ *etc*.

Improper fraction:

Is just a fraction where its numerator is more than or equal to its denominator, such as: $\frac{7}{5}, \frac{5}{3}, \frac{7}{7}, \frac{11}{2}, ...$ *etc*.

Mixed number:

Is a number consisting of a whole number and a proper fraction, such as: $3\frac{1}{5}, 4\frac{2}{3}, 2\frac{5}{7}, 6\frac{11}{12}, ...$ *etc*.

[1] Join:

$\frac{5}{5}$	proper fraction	$\frac{9}{7}$
$3\frac{5}{8}$	improper fraction	$\frac{3}{13}$
$\frac{5}{7}$	mixed number	$2\frac{5}{7}$

[2] Complete:

❶ $2 = \frac{....}{5} = \frac{4}{....} = \frac{....}{....}$

❷ $1 = \frac{....}{5} = \frac{4}{....} = \frac{....}{....}$

❸ $3 = \frac{....}{5} = \frac{12}{....} = \frac{....}{....}$

❹ $4 = \frac{....}{2} = \frac{20}{....} = \frac{....}{....}$

❺ $5 = \frac{....}{5} = \frac{15}{....} = \frac{....}{....}$

❻ $6 = \frac{....}{3} = \frac{24}{....} = \frac{....}{....}$

❼ $8 = \frac{....}{2} = \frac{40}{....} = \frac{....}{....}$

❽ $9 = \frac{....}{3} = \frac{36}{....} = \frac{....}{....}$

❾ $7 = \frac{....}{5} = \frac{21}{....} = \frac{....}{....}$

[3] Write each of the following as an improper fraction:

❶ $3\frac{1}{2} = \frac{....}{....}$

❷ $3\frac{2}{3} = \frac{....}{....}$

❸ $2\frac{3}{4} = \frac{....}{....}$

❹ $5\frac{1}{2} = \frac{....}{....}$

❺ $2\frac{3}{5} = \frac{....}{....}$

❻ $8\frac{1}{2} = \frac{....}{....}$

❼ $5\frac{1}{4} = \frac{....}{....}$

❽ $6\frac{2}{3} = \frac{....}{....}$

❾ $4\frac{3}{10} = \frac{....}{....}$

[4] Write each of the following as a mixed number:

❶ $\frac{5}{2} = ...\frac{....}{....}$

❷ $\frac{7}{3} = ...\frac{....}{....}$

❸ $\frac{9}{4} = ...\frac{....}{....}$

❹ $\frac{9}{2} = ...\frac{....}{....}$

❺ $\frac{13}{5} = ...\frac{....}{....}$

❻ $\frac{17}{2} = ...\frac{....}{....}$

❼ $\frac{15}{4} = ...\frac{....}{....}$

❽ $\frac{22}{3} = ...\frac{....}{....}$

❾ $\frac{31}{10} = ...\frac{....}{....}$

[5] Complete using (<), (>) or (=):

⓿ $\frac{3}{4}$ ◯ $\frac{2}{5}$

❶ $\frac{5}{6}$ ◯ $\frac{2}{3}$

❷ $\frac{5}{8}$ ◯ $\frac{2}{3}$

❸ $\frac{7}{9}$ ◯ $\frac{3}{4}$

❹ $\frac{3}{5}$ ◯ $\frac{6}{10}$

❺ ١ ◯ $\frac{5}{3}$

❻ $2\frac{1}{4}$ ◯ $2\frac{1}{3}$

❼ $\frac{7}{5}$ ◯ $1\frac{1}{6}$

❽ $\frac{5}{6}$ ◯ $\frac{6}{7}$

❾ $\frac{7}{3}$ ◯ $\frac{4}{5}$

❿ $\frac{7}{10}$ ◯ $\frac{5}{7}$

(١) $5\frac{6}{7}$ ◯ $5\frac{7}{8}$

[6] Arrange the following numbers in an ascending order:

❶ $\frac{2}{3}$ $\frac{3}{5}$ $\frac{7}{15}$

....

The order is: ....

❷ $\frac{1}{3}$ $\frac{3}{4}$ $\frac{7}{12}$ $\frac{5}{6}$

....

The order is: ....

❸ $\frac{3}{4}$ $\frac{8}{9}$ $\frac{5}{6}$ $\frac{11}{36}$

....

The order is: ....

❹ $\frac{3}{5}$ $\frac{1}{2}$ $\frac{9}{10}$ $\frac{1}{4}$

....

The order is: ....



[7] Find the result as a mixed number:

1. $\frac{5}{9} + \frac{3}{9} + \frac{4}{9} =$ ....

2. $\frac{2}{11} + \frac{7}{11} + \frac{5}{11} =$ ....

3. $\frac{3}{8} + \frac{2}{8} + \frac{4}{8} =$ ....

4. $\frac{1}{3} + \frac{2}{3} + \frac{4}{3} =$ ....

5. $\frac{6}{5} + \frac{3}{5} + 1 =$ ....

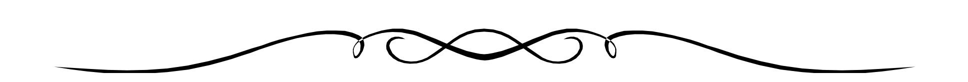
6. $\left(\frac{8}{15} + \frac{13}{15}\right) - \frac{4}{15} =$ ....

7. $\left(\frac{5}{7} + \frac{4}{7}\right) - \frac{1}{7} =$ ....

8. $\left(\frac{7}{9} - \frac{2}{9}\right) + \frac{4}{9} =$ ....

9. $\left(1 + \frac{4}{5}\right) - \frac{1}{5} =$ ....

10. $\left(\frac{5}{10} + 1\right) - \frac{2}{10} =$ ....







Sheet (3)

Adding and subtracting fractions have different denominators

[1] Find the result in the simplest form:

❶ $\frac{1}{3} + \frac{1}{4} =$ ....

❷ $\frac{1}{4} + \frac{1}{8} =$ ....

❸ $\frac{1}{5} + \frac{1}{3} =$ ....

❹ $\frac{1}{2} + \frac{1}{7} =$ ....

❺ $\frac{1}{6} + \frac{1}{8} =$ ....

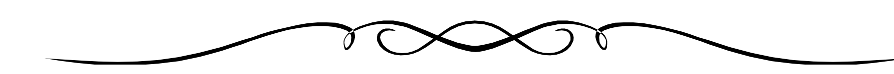
❻ $\frac{2}{3} + \frac{7}{8} =$ ....

❼ $\frac{7}{8} + \frac{5}{6} =$ ....

❽ $\frac{1}{9} + \frac{5}{6} =$ ....

❾ $\frac{5}{9} + \frac{1}{4} =$ ....

❿ $\frac{3}{4} + \frac{1}{5} =$ ....





[2] Find the result in the simplest form:

1. $\frac{1}{3} - \frac{1}{4} =$ ....

2. $\frac{1}{4} - \frac{1}{8} =$ ....

3. $\frac{1}{3} - \frac{1}{5} =$ ....

4. $\frac{5}{6} - \frac{1}{2} =$ ....

5. $\frac{4}{5} - \frac{1}{4} =$ ....

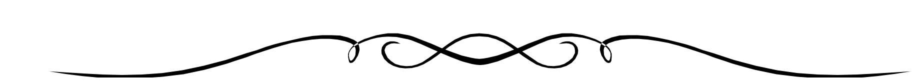
6. $\frac{2}{3} - \frac{1}{6} =$ ....

7. $\frac{9}{10} - \frac{3}{5} =$ ....

8. $\frac{7}{8} - \frac{1}{4} =$ ....

9. $\frac{4}{7} - \frac{1}{3} =$ ....

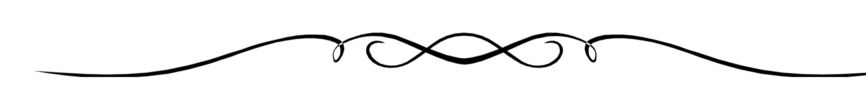
10. $\frac{5}{6} - \frac{3}{8} =$ ....





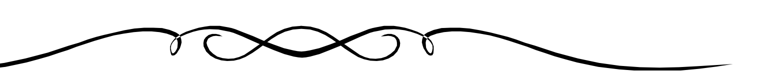
[3] Find the result in the simplest form:

1. $3\frac{1}{2} + 2\frac{1}{4}$ = ...
2. $6\frac{1}{6} + 7\frac{1}{8}$ = ...
3. $2\frac{1}{2} + \frac{4}{5}$ = ...
4. $2\frac{2}{3} + 1\frac{1}{6}$ = ...
5. $2\frac{5}{6} + \frac{8}{9}$ = ...
6. $6\frac{4}{5} + 4\frac{2}{3}$ = ...
7. $4\frac{3}{8} + 2\frac{1}{4}$ = ...



[4] Find the result in the simplest form:

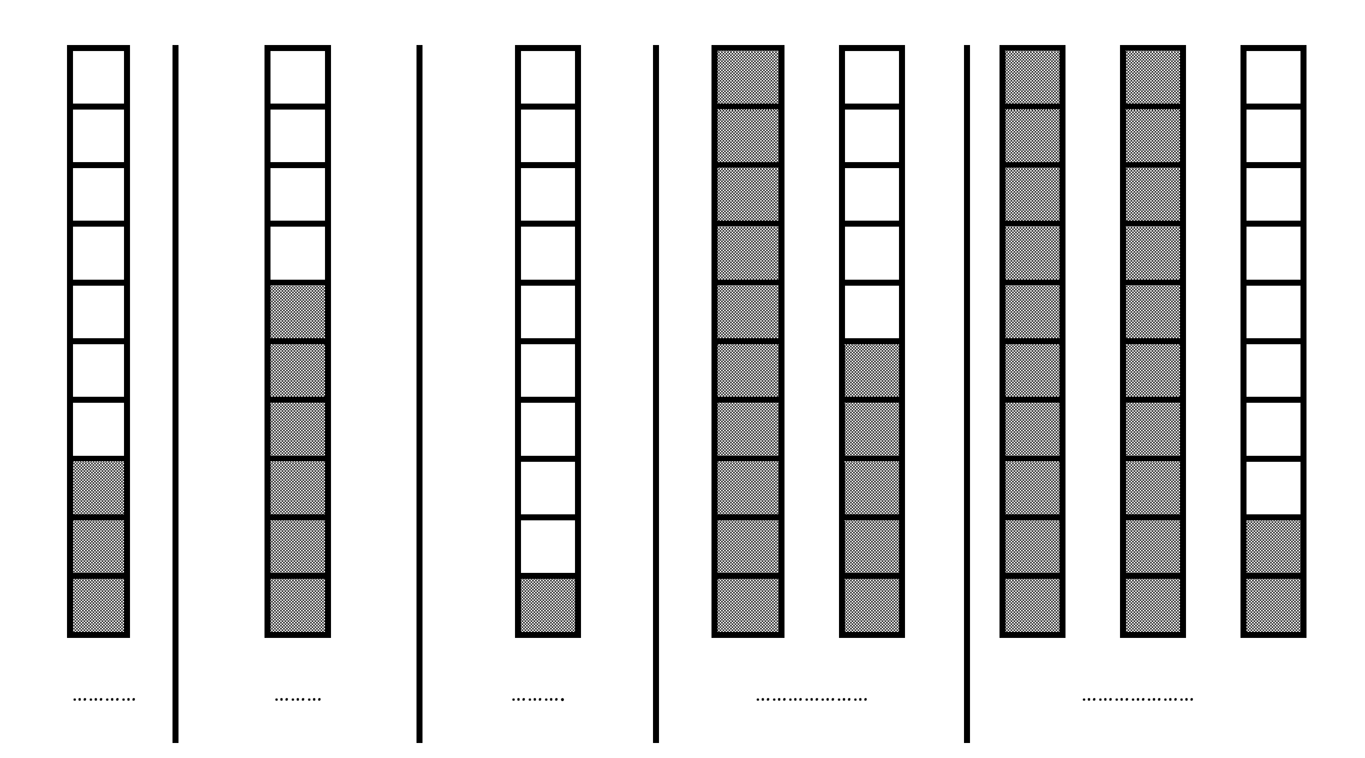
1. $4\frac{2}{3} - 2\frac{1}{4}$ = ...
2. $3\frac{1}{5} - 1\frac{1}{6}$ = ...
3. $10\frac{1}{2} - 5\frac{1}{3}$ = ...
4. $1\frac{1}{2} - \frac{3}{4}$ = ...
5. $5 - 2\frac{3}{4}$ = ...
6. $7 - 3\frac{2}{5}$ = ...
7. $9 - 5\frac{1}{7}$ = ...





Sheet (4)
Decimal numbers

[1] Write the decimal of the shaded part:



………… ……… ………. ………………… …………………

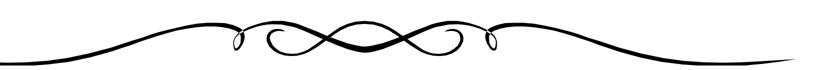
………………… ………………… …………………





[2] Complete as in the example:

$\frac{3}{10}$	Is written as	٠,٣	Is read as	Three tenths
$\frac{5}{100}$	Is written as	....	Is read as	....
$\frac{75}{100}$	Is written as	....	Is read as	....
$\frac{54}{100}$	Is written as	....	Is read as	....
$\frac{654}{1000}$	Is written as	....	Is read as	....
$\frac{25}{1000}$	Is written as	....	Is read as	....
$\frac{102}{1000}$	Is written as	....	Is read as	....
$\frac{64}{10}$	Is written as	....	Is read as	....
$1\frac{8}{10}$	Is written as	....	Is read as	....
$19\frac{36}{100}$	Is written as	....	Is read as	....
$3\frac{9}{10}$	Is written as	....	Is read as	....
$7\frac{11}{1000}$	Is written as	....	Is read as	....



[3] Write the following numbers using the decimal point:

$\frac{٦}{١٠}$ = ……………………	$\frac{١}{١٠٠}$ = ……………………	$\frac{٢}{١٠٠٠}$ = ……………………
$\frac{٤٥}{١٠٠}$ = ……………………	$\frac{٣٦}{١٠٠٠}$ = ……………………	$\frac{٢٥٨}{١٠٠٠}$ = ……………………
$\frac{٢٥}{١٠}$ = ……………………	$\frac{١٢٥}{١٠}$ = ……………………	$\frac{٢٥٦}{١٠٠}$ = ……………………
$٣\frac{٥}{١٠}$ = ……………………	$٨\frac{٥}{١٠٠}$ = ……………………	$٤\frac{٧٢}{١٠٠}$ = ……………………
$٦\frac{٢}{١٠٠٠}$ = ……………………	$٥\frac{٢٥}{١٠٠٠}$ = ……………………	$٦\frac{١٢٣}{١٠٠٠}$ = ……………………
$١٢\frac{٦}{١٠٠}$ = ……………………	$٢٢\frac{٦}{١٠٠}$ = ……………………	$٦٠\frac{٢٦}{١٠٠٠}$ = ……………………
$\frac{٣}{٤}$ = ……………………	$\frac{٤}{٥}$ = ……………………	$\frac{١}{٢}$ = ……………………
$\frac{٣}{٢٠}$ = ……………………	$\frac{١}{٨}$ = ……………………	$\frac{١}{٤}$ = ……………………
$\frac{٥}{٤}$ = ……………………	$\frac{٧}{٢}$ = ……………………	$\frac{٦}{٥}$ = ……………………

[4] Write the following numbers using the decimal point:

١) Seven tenths = ……………
٢) Two hundredths = ……………
٣) Three tenths = ……………
٤) Sixteen hundredths = ……………
٥) Seven thousandths = ……………
٦) Forty five tenths = ……………
٧) Twenty four hundredths = ……………
٨) Nineteen thousandths = ……………
٩) Three hundred fifty one hundredths = ……………

١٠) Five hundred sixty nine thousandths = ……………

١١) Four and seven tenths = ……………

١٢) Six and forty two hundredths= ……………

١٣) Twenty and three hundredths= ……………

١٤) Eighty five and sixty one thousandths = ……………

١٥) Three hundred sixty four hundredths = ……………

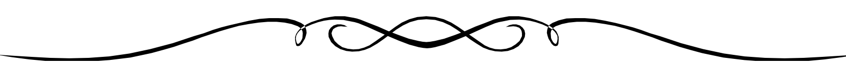
١٦) Fifty two and thirty one thousandths = ……………

١٧) Ninety one and one thousandths = ……………

١٨) Seventeen and forty four thousandths = ……………

١٩) Six hundred thirty five and nine tenths = ……………

٢٠) One hundred forty seven and one tenth = ……………



[5] Write the following decimals in words:

١) ٠,٣ = ……………………………………………………………………………………

٢) ٠,١ = ……………………………………………………………………………………

٣) ٠,٠٥ =

……………………………………………………………………

٤) ٠,٠٠٨ =

……………………………………………………………………

٥) ٠,٣٤ =

……………………………………………………………………

٦) ٠,٠٤٧ =

……………………………………………………………………

٧) ٠,٢٣٨ =

……………………………………………………………………

٨) ٢,٥ = ……………………………………………………………………………………

٩) ٣,٧ = ……………………………………………………………………………………

١٠) ٣٢,٨ =

……………………………………………………………………

[6] Write three numbers between:

5 and 6

……… , ……… , ………

2.5 and 2.6

……… , ……… , ………

12 and 13

……… , ……… , ………

13.8 and 13.9

……… , ……… , ………

1.25 and 1.26

……… , ……… , ………

0 and 0.1

……… , ……… , ………

[7] Complete using an integer:

………… > 2.5 > ……………

………… > 0.92 > …………

………… > 0.5 > ……………

………… > 4.02 > …………

………… > 8.04 > ……………

………… > 12.39 > …………

………… > 251.3 > …………

………… > 1.39 > ……………



[8] Complete as in the example: (0.4 + 0.6 = 1)

٠,٣ + ٠,٧ = ...

٠,١ + ………… = 1

٠,٢٥ + ٠,٧٥ = ...

………… + 0.24 = 1

[9] Complete as in the example:

٤

٣,٥ = ... ٣ ....

٣١,٨ = ...

٧

٥





٤٥,١٢٣ =

....

٥,٠٢٣ =

....

.... = 500 + 40 + 2 + 0.3 + 0.08

.... = 900 + 20 + 0.7 + 0.008

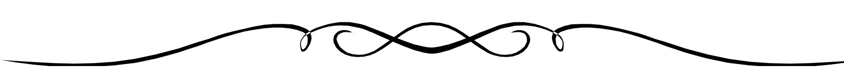
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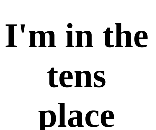
[10] Complete the table:

Number	thousands	hundreds	tens	units		tenths	hundredths	thousandths
٥,٦					.			
٦,٤٧					.			
٢٧,٩٨					.			
٤٥٦,٢					.			
١٢٣,٨					.			
٣٦,١٢٣					.			



I'm in the hundreds place

My value is ١٠٠



I'm in the tens place



My value is ٣٠

I'm in the units place

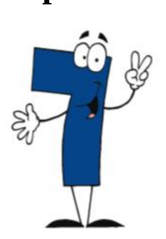


My value is ٤

I'm the decimal point



I'm in the tenths place



My value is ٠,٧ or $\frac{7}{10}$

I'm in the hundredths place



My value is ٠,٠٨ or $\frac{8}{100}$

I'm in the thousandths place

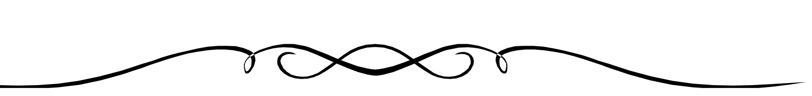


My value is ٠,٠٠٩ or $\frac{9}{1000}$

١١] Circle the tenths digit

٣٦,٨٥ - ٧٨,٢ - ٦٣٦,٤ - ١,١٢٤ - ٠,٠٢٤

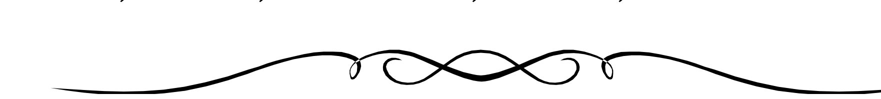
٨٦٤,٢ - ٨٨,٦ - ٩٧٨,٢ - ٩,٦٨٧ - ٠,٠٠٨



١٢] Circle the tens digit

٦٥,٧٨ - ٩٨٧,٢ - ١٦,١٤٧ - ٥٦٤٤,٢ – ١٠٢,٦

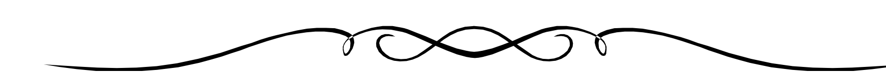
١٣,٧٥ - ٣٣,٥٤ - ٢٥,١١٥ – ٩٩٣٦,٥ – ٣٠٠,٧



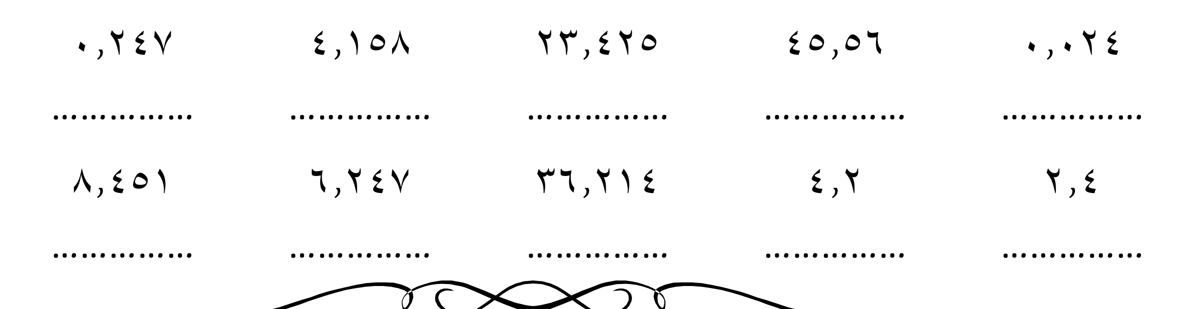
١٣] Circle the hundredths digit:

٣٦,٨٥ - ٣,١٥٦ - ٩٩,١٢٣ - ٠,٥٤٦

٩٨٦,٠٥ - ٦٠,٠٠١ - ٠,٠١ - ٧,١٢٣



١٤] Write the value of the digit ٤ in each of the following:



٠,٢٤٧	٤,١٥٨	٢٣,٤٢٥	٤٥,٥٦	٠,٠٢٤
……………	……………	……………	……………	……………
٨,٤٥١	٦,٢٤٧	٣٦,٢١٤	٤,٢	٢,٤
……………	……………	……………	……………	……………

١٥] Write the value of the encircled digit in each of the following:

٣٦.⑧	٧⑧.٢	٦③٦,٤	١,١٢④
………………	………………	………………	………………
٨٦④.٢	٨٨.⑥	⑥٧٨,٢	٩,٦٨②
………………	………………	………………	………………



١٦] Put the suitable singe (<), (=) or (>):

٩,٥	☐	٤,٨	٢٣,٥	☐	٢٨,٦
٨,٥٦٦	☐	١٠,٢	٦٥٣,٢٢	☐	٥٦٣,٢٢
٤٥,٤٥	☐	٤٥,٥٤	$\frac{3}{4}$	☐	٧٥
٧٨,٩	☐	٧٩,٨	٦	☐	٥,٠٧
٥٦,٦٥	☐	٦٥,٥٦	٢٩,٥	☐	٢٩,١٥
$\frac{1}{2}$	☐	٠,٤٥	٠,٩	☐	٠,٧٦

١٧] Circle the numbers that are equal:

a) ١٨,٠٤ , ١٨,٤٠ , ١٨,٠٤٠ , ١٨,٤٤ , ١,٨٤٠

b) ٠,١٠ , ١٠,١ , ٠,٠١ , ٠,٠٠١ , ٠,١

[18] Arrange the following numbers:

٤,٣٥ , ٩,٧٥ , ٣,٥٤ , ٥,٧٩ , ٧,٥٩

Ascendingly: …………… , ……………… , …………… , …………… , ………………

٣,٤ , ٣ ½ , ٣,٦٥ , ٣,٢ , ٣,٣

Ascendingly: …………… , ……………… , …………… , …………… , ………………

٦,٧٥ , ٦,٠٨ , ٦,١٢٥ , ٦,٨ , ٦

Ascendingly: …………… , ……………… , …………… , …………… , ………………

٧,٨١ , ٧,٠٩ , ٧,١٢٣ , ٧,٩ , ٧

Descendingly: …………… , ……………… , …………… , …………… , ………………

٦
.
١
١

Descendingly: …………… , ……………… , …………… , ……………





Sheet (5)
Operations on decimal numbers

[1] Find the result:

a ٧٥.٠١٣ + ١٦.٨١	**b** ٠.٢ + ٠.٨٣٢	**c** ٣.٠٨٤ + ٠.٧٣٦
d ٥٦.٤٩٩ - ٢٤.٧٨٨	**e** ٢٥.١٩٨ - ١٤	**f** ٩ - ٤.٧٩
g ٩٦ - ٨.٢٨٩	**h** ٢٥.٩١٢ - ١٤.٨١٠	**i** ٧ - ٣.١٢

[2] Find the result:

١٧,٣ + ٤,٦ = ………………	٥,٧ - ١,٤ = ………………
١٥,٨ + ١٠,٩ = ………………	٩,٢٥ - ٣,٨٢ = ………………
٢,٦٥ + ٩,٣ = ………………	١٢,٧٨ - ٣,٥ = ………………
٨,٢٥ + ١١,٧ = ………………	٨٩,٦٥ - ٥٤,٩ = ………………
١,٠٠٧ + ٩ = ………………	٠,٦ - ٠,٢٧٥ = ………………
١٣ + ٢,٦٥ = ………………	١٣ - ٢,٦٥ = ………………



[3] Divide:

١٥	÷	١٠	=	....
٧٨	÷	١٠	=	....
٤٥	÷	١٠٠	=	....
٧٨	÷	١٠٠	=	....
١٢٥	÷	١٠٠	=	....
٣٤٧	÷	١٠٠	=	....
٥	÷	١٠	=	....
٦	÷	١٠	=	....

٢٨	÷	١٠	=	....
١٥	÷	١٠	=	....
٣٦	÷	١٠٠	=	....
٧٢	÷	١٠٠	=	....
٦	÷	١٠٠٠	=	....
٣	÷	١٠٠٠	=	....
٣٦٥	÷	١٠٠٠	=	....
٨٠٢	÷	١٠٠٠	=	....

[4] Story problems:

Ahmed bought a pair of trousers for L.E. 83.25 and a pair of shoes for L.E. 75.5, How much money did he pay?

....

Mazen has 35 pounds, he bought a ball for L.E. 9.75, and a book for P.T. 840. How much money was left with him?

....

....

Samia had L.E. 86, she bought a ball for 54.3 pounds, and a book for 840 piastres. Find the remaining money with her.

....

....

....





Sheet (6)
Approximation

Approximation means replacing the exact number
by another simpler number, near to the exact number.

[1] Approximate each of the following to the nearest 10:

٥٢٤	≅	٥٢٥	≅	٥٢٦	≅ ....
٧٨	≅	٥٦	≅	٨٤	≅ ....
٧٥٠٨	≅	٦٣٤٧	≅	٧٥٤ ¼	≅ ....
٢٤,٦٥	≅	٩٩٩,٤	≅	٣٥ ½	≅ ....
٦٣,٥٧	≅	٨٩٩,٦	≅		≅ ....

[2] Approximate each of the following to the nearest 100:

٥٣٧	≅	٥٥٨	≅	٥٧٣	≅ ....
١٢٣٤	≅	٦٥٤٧	≅	٤٥٦٧	≅ ....
٦٠٠	≅	٥٠	≅	٤٠١	≅ ....
٥٤,٦٥	≅	٩٩٩,٤	≅	٩٥ ½	≅ ....
٧٦٣,٥٥	≅	٩٨٧,٦	≅	٦٩ ¼	≅ ....

[3] Approximate each of the following to the nearest 1000:

٦٢٣٧	≅	٦٥٥٨	≅	٦٨٧٣	≅ ....
٥٠٠	≅	٦٣٤	≅	٢٥٤	≅ ....
٨٧٩٩	≅	٩٨٦٦	≅	٩٥٠٠	≅ ....
٢٧٤,٦٥	≅	٩٩٩٩,٤	≅	٦٩٥ ½	≅ ....
٦٩٣,٥	≅	٩٧٨٧,٣	≅	٨٩٦ ¼	≅ ....

[4] Approximate each of the following to the nearest 10000:

٥ ٠٠٠ ≅	٨ ٤٠٠ ≅	٥٢ ٦٠٠ ≅ ....
٧٨ ٠٠٠ ≅	٣٦ ٠٠٥ ≅	٩٢ ٠٠٠ ≅ ....
٤٥٦ ٤٥٠ ≅	٦٥٩ ٥٥٨ ≅	٦٩ ٢٢٤ ≅ ....
٤٥ ٢٧٤,٦٥ ≅	٩٩ ٩٩٩,٤ ≅	٨٨ ٦٩٥ ½ ≅ ....

[5] Approximate each of the following to the nearest 100000:

٥٠ ٠٠٠ ≅	٦٤ ٤٠٠ ≅	٢٧٥ ٦٠٠ ≅ ....
٨٧٨ ٠٠٠ ≅	٩٣٦ ٠٠٥ ≅	٩٩٠ ٠٠٠ ≅ ....
٤٥٦ ٤٥٠ ≅	٦٥٩ ٥٥٨ ≅	٤٦٩ ٢٢٤ ≅ ....
٦٤٥ ٢٧٤,٦٥ ≅	٩٩ ٩٩٩,٤ ≅	٩٨٨ ٦٩٥ ½ ≅ ....

[5] Approximate each of the following as shown:

- ٣١٥ ≅ .... To the nearest Ten
- ٧٨٩ ≅ .... To the nearest ١٠٠
- ٣١٥٦,٣ ≅ .... To the nearest ١٠٠٠
- ٣١٥٨٦ ≅ .... To the nearest ١٠ ٠٠٠
- ٨٦٥٨٢٠٠ ≅ .... To the nearest Million
- ٧٣٦ ½ ≅ .... To the nearest ten
- ٩٩٩٩٩ ≅ .... To the nearest ١٠٠ ٠٠٠
- ١٤٤٤,٣ ≅ .... To the nearest 1000
- ٣٤٠٠٦ ≅ .... To the nearest 10 000
- ٨ ٤٥٨ ٠٥٠ ≅ .... To the nearest Million
- ٩٩٩ ٩٩٩ ≅ .... To the nearest 100 000



[6] Write all whole numbers which when we approximated

……………… ≅ ∨		……………… ≅ ∨
……………… ≅ ∨		……………… ≅ ∨
……………… ≅ ∨		……………… ≅ ∨
……………… ≅ ∨		……………… ≅ ∨
……………… ≅ ∨		……………… ≅ ∨

[7] Carry out the following then approximate:

a) 45056 + 54953 = …………………… To the nearest 10 000

b) 456.55 + 55.6 = …………………… To the nearest 10

c) 80000 – 5465 = …………………… To the nearest 100

d) 600 – 45.55 = …………………… To the nearest 1000

[8] Choose the correct answer:

a

b) 8453 ≅ 8500 to the nearest…… (10 , 100 , 1000)

c) 75643.1 ≅ 75600 to the nearest…… (10 , 100 , 1000)

d) 3725.6 ≅ 3730 to the nearest…… (10 , 100 , 1000)

٧

[9] Approximate each of the following to the nearest unit

٨٥ ≅ 17000 to the nearest…… (10 , 100 , 1000)

٠,٥ ≅ …………..	٠,٩ ≅ …………..	١,٤ ≅ …………..
٨,٤٩ ≅ …………..	٣٥,٤٤٩ ≅ …………..	١٢٧,٣ ≅ …………..
١٧,٦ ≅ …………..	٣,٥٦ ≅ …………..	١٢٤,٨ ≅ …………..
٤٥,٨ ≅ …………..	١٥ ¼ ≅ …………..	٣٤ ¾ ≅ …………..

٤,٦٥ ≅	٩,٨ ≅	٣٥ ½ ≅ ....
١٧,٩ ≅	١٢,٧٣ ≅	٢٥٩,٢ ≅ ....
$\frac{5}{8}$ ≅	٩ ⅜ ≅	٠,٥٩٨ ≅ ....
١,٣ ≅	٨,٩ ≅	٩,٦ ≅ ....

[10] Approximate each of the following to the nearest tenth:

٠,٥٤ ≅	٠,٩٥ ≅	٠,٤٨ ≅ ....
٥,٤٨ ≅	١٥ ¼ ≅	٣٤ ¾ ≅ ....
$\frac{5}{8}$ ≅	٩ ⅜ ≅	٠,٥٩٨ ≅ ....
١,٣٣ ≅..............	٨,٩٥ ≅	٩,٦٤ ≅ ....

Remember:

١ km = ١٠٠٠ m	١ kg = ١٠٠٠ gm
١ m = ١٠٠ cm	L.E. 1 = P.T. 100
١ dm = ١٠ cm	١ m = ١٠ dm
١ month = ٣٠ days	١ day = ٢٤ hours
١ hour = ٦٠ minutes	١ week = ٧ days

١١] Approximate each of the following to the nearest km:

a) 532.41 km ≅ ....

b) 325.7 km ≅ ....

c) 2764815 dm = ... ≅ ....

d) 4518253 dm = ... ≅ ....



e) 9745312 cm = …………………… ≅ …………..

f) 3456801 cm = …………………… ≅ …………..

g) 63622 m = …………………… ≅ …………..

h) 73489 m = …………………… ≅ …………..

١٢] Approximate each of the following to the nearest L.E.:

a) L.E. 57.3 ≅ …………..

b) L.E. $759\frac{3}{5}$ ≅ …………..

c) P.T. 305 = …………………… ≅ …………..

d) P.T. 1475 = …………………… ≅ …………..

١٣] Approximate each of the following to the nearest hour:

a) 5 hr. and 15 min. ≅ …………..

b) 7 hr. and 30 min. ≅ …………..

c) 2 hr. and 35 min. ≅ …………..

d) 6 hr. and 20 min. ≅ …………..

١٤] Approximate each of the following to the nearest week:

a) 46 days. ≅ …………..

b) 39 days. ≅ …………..

b) 23 days. ≅ …………..

Sheet (7)
Congruency

Two polygons are congruent if:

(1) Their corresponding sides are equal in length.

(2) Their corresponding angles are equal in measure.

Remarks:

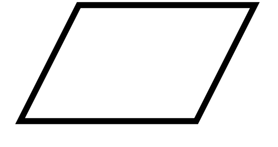
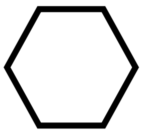
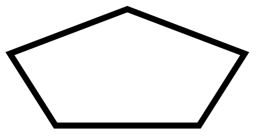
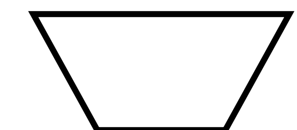
(1) The two congruent polygons should be written in the same order of their corresponding vertices.

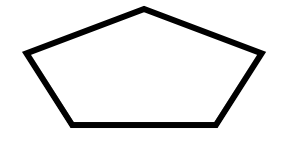
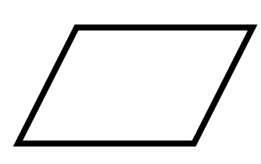
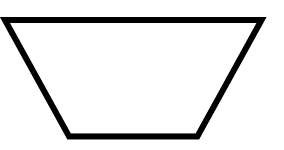
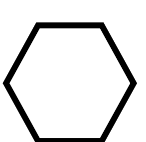
(2) If the two polygons are congruent, then each side and each angle in one of them is congruent to its corresponding element in the other polygon.

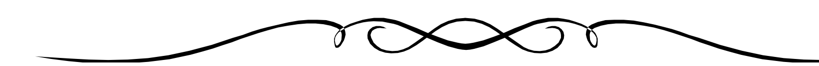
(3) Two squares are congruent if the side length of one of them equals the side length of the other.

(4) Two rectangles are congruent if the two dimensions of one of them equal to the two dimensions of the other.

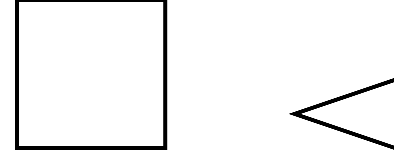
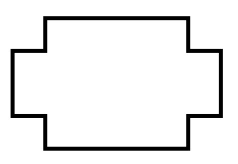
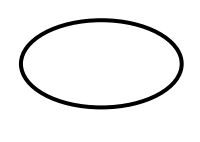
Join each figure to its congruent figure:

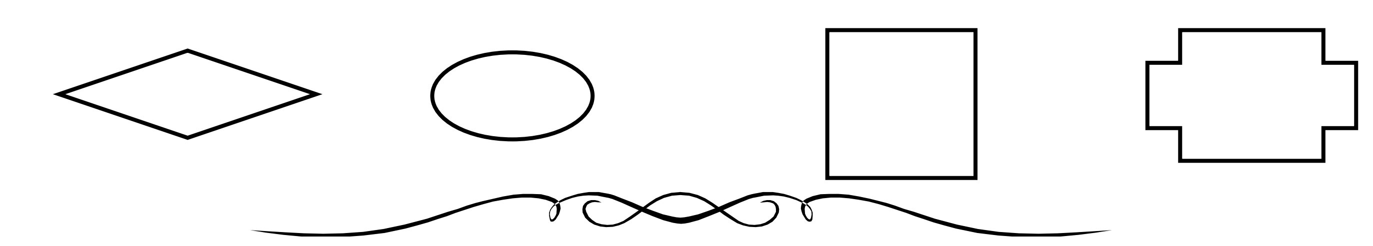







Join each figure to its congruent figure:



In the opposite figure:

If $\Delta ABC \equiv \Delta ZYX$

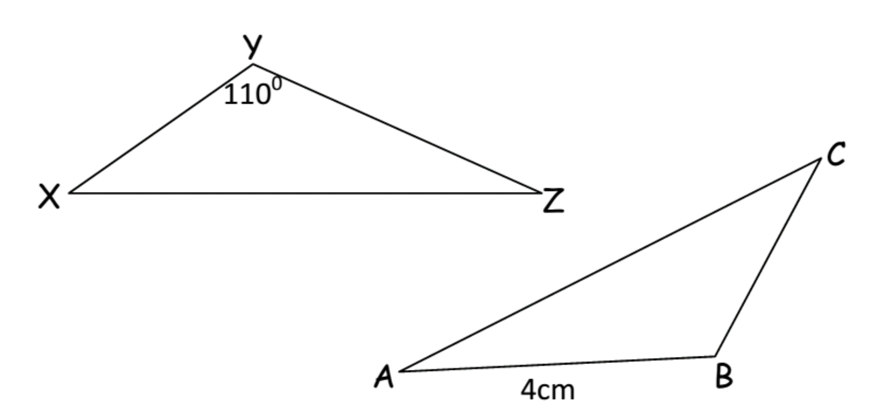
Complete:

a) $\overline{YX} \equiv$ …………

b) $\angle A \equiv$ …………

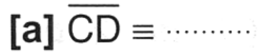
c) $m(\angle B)$ = …………°.

d) ZY = ………… cm





In the opposite figure , the polygon ABCDEF ≡ the polygon ABXYZK , complete :

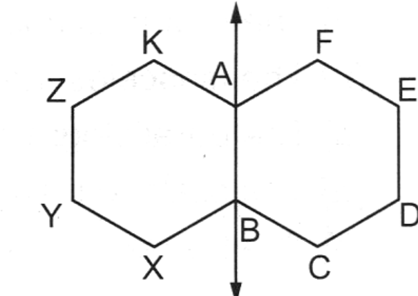


[a] $\overline{CD} \equiv$ ……….

[b] ∠ X ≡ ∠ ……….

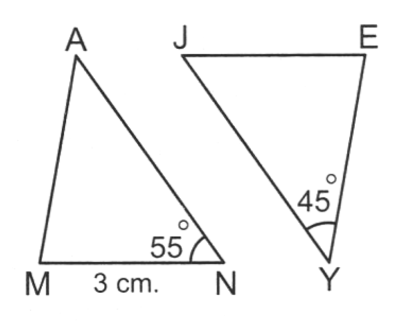
[c] KA = ……….

[d] m (∠ Y) = m (∠ ……….)



In the opposite figure :

If △ AMN ≡ △ YEJ , complete :



[a] $\overline{AM}$ ≡ ....

[b] ∠ E ≡ ∠ ....

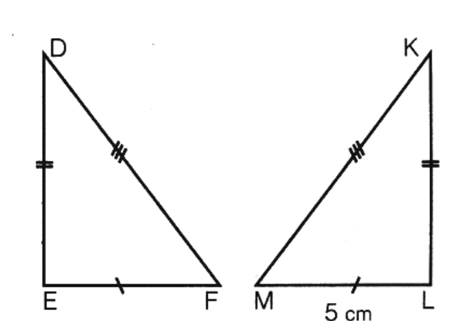
[c] EJ = ... = ... cm.

[d] m (∠ Y) = m (∠ ....) = ...°

[e] m (∠ J) = ...°

a) In the opposite figure:

If △DEF = △KLM, complete:



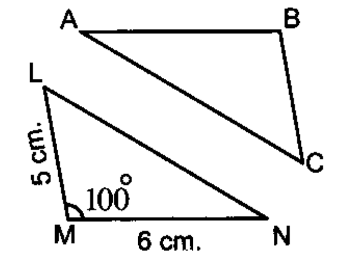
1) $\overline{KL}$ ≡ ....

2) $\overline{DF}$ ≡ ....

3) ∠E ≡ ∠.......

4) EF = ... cm

In the opposite figure : if △ LMN ≡ △ CBA , complete :



a ∠ M ≡ ....

b ∠ A ≡ ....

c ∠ C ≡ ....

d $\overline{LM}$ ≡ ....



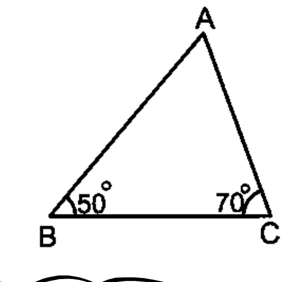
e $\overline{MN}$ ≡ ....

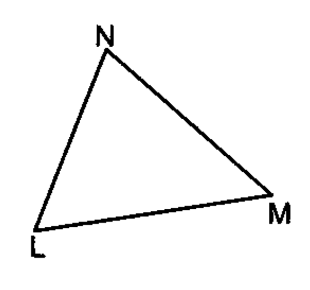
f $\overline{LN}$ ≡ ....

g m (∠ B) = ...°

h BC = ... cm.

In the opposite figure : if △ ABC ≡ △ LMN , complete :



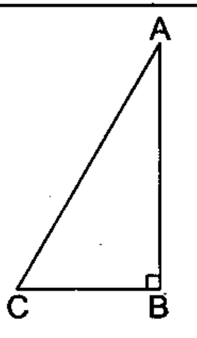


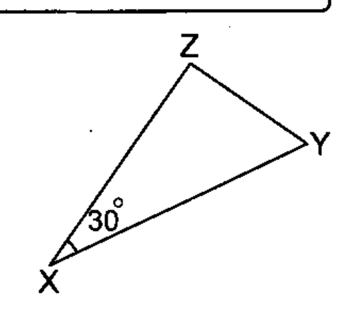
a m (∠ M) = ...°

b m (∠ N) = ...°

c m (∠ L) = ...°

In the opposite figure : if Δ ABC ≡ Δ XZY , complete :





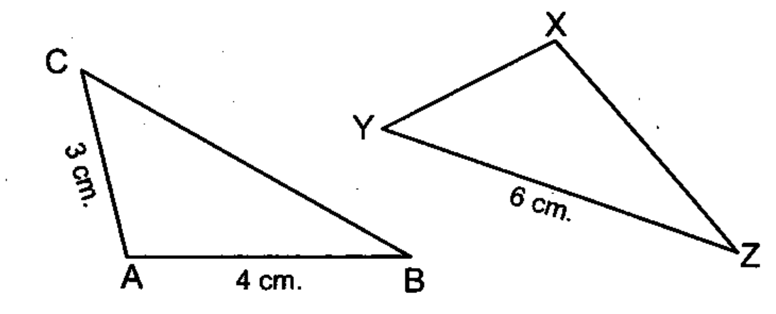
a m (∠ Z) = ...°

b m (∠ Y) = ...°

c m (∠ A) = ...°

d m (∠ C) = ...°

In the opposite figure : if Δ ABC ≡ Δ XZY , complete :



a XZ = ... cm.

b XY = ... cm.

c The perimeter of Δ ABC
= .... cm.





Symmetrical figures and lines of symmetry

The figure	No. of lines of symmetry	The figure	No. of lines of symmetry
Equilateral triangle	٣	Isosceles triangle	١
Scalene triangle	٠	Parallelogram	٠
Rhombus	٢	Rectangle	٢
Square	٤	Isosceles trapezium	١
Trapezium	٠	Circle	infinite (large number)



Complete:

a) The rectangle has ……… lines of symmetry.

b) The square has ……… lines of symmetry.

c) The rhombus has ……… lines of symmetry.



d) The circle has ………………… lines of symmetry.

e) The isosceles triangle has ……… lines of symmetry.

f) The isosceles trapezium has ……… line of symmetry.

g) The parallelogram has ……… lines of symmetry.

h) The trapezium has ……… lines of symmetry.

Put (✓) or (×)

a) The parallelogram has four lines of symmetry -------------- ( )

b) The rectangle has four lines of symmetry------------------ ( )

c) The scalene triangle has three lines of symmetry ----------- ( )

d) The isosceles trapezium has one line of symmetry ----------- ( )

e) The square has four lines of symmetry --------------------- ( )

f) The rhombus has three lines of symmetry ----------------- ( )

Choose the correct answer :

a The scalene triangle has ………… line(s) of symmetry. (2 **or** 0 **or** 1)

b The parallelogram has ………… line(s) of symmetry. (4 **or** 2 **or** 0)

c Which of these figures has the greater number of lines of symmetry ?

(square **or** equilateral triangle **or** rectangle)

d This figure [pentagon] has ………… line(s) of symmetry. (0 **or** 1 **or** 5)

e This figure [figure] has ………… line(s) of symmetry. (4 **or** 1 **or** 2)

f This figure [figure] has ………… line(s) of symmetry. (0 **or** 2 **or** 1)

g This figure [parallelogram] has ………… line(s) of symmetry. (1 **or** 0 **or** 2)

h In the opposite letters : K X B F

which ones have only one line of symmetry ?

(K and X **or** B and F **or** K and B)



Visual pattern

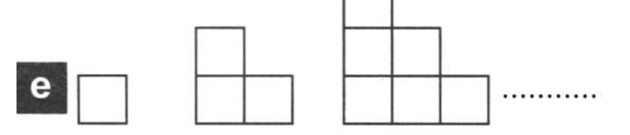
Discover the rule and find the next one :

a ....

b ....

c ....

d ....

e  ....

f ....

g ....

h ABC ABC ABC ....

i SSTASSTASS ....

j AB , ABB , ABBB , AB , ABB , ... , ... , ...

Discover the rule , then complete :

a 6 , 13 , 20 , 27 , ... , ...

b 5 , 9 , 13 , 17 , ... , ...

c 1 , 2 , 4 , 8 , 16 , ... , ...

d 1 , 3 , 9 , 27 , ... , ...

e 2 , 7 , 4 , 9 , 6 , 11 , ... , ...

f 12 , 9 , 6 , ... , ...

g $\frac{1}{3}$, $\frac{2}{9}$, $\frac{4}{27}$, ... , ...

Discover the rule, then complete :

a 17.1 , 17.2 , 17.3 , ... , ... , ...

b 13.2 , 13.4 , 13.6 , ... , ... , ... , ...

c 16.4 , 16.8 , 17.2 , ... , ... , ...

d 10 , 9.6 , 9.2 , ... , ... , ...

e 1.2 , 2.3 , 3.4 , ... , ... , ...

f 2.2 , 3.3 , 4.4 , ... , ... , ...

g 12.3 , 23.4 , 34.5 , ... , ... , ...





Sheet (8)
The Capacity

[1] Complete:

١ litre = ……… Millilitres

١,٥ litres = ……… Millilitres

٣,٨ litres = ……… Millilitres

٢,٧٥ litres = ……… Millilitres

$\frac{1}{2}$ litres = ……… Millilitres

$\frac{1}{4}$ litres = ……… Millilitres

$\frac{3}{4}$ litres = ……… Millilitres

١ dm٣ = ……… cm٣

$\frac{1}{4}$ dm^3 = ……… cm^3

$\frac{3}{4}$ dm^3 = ……… cm^3

١,٢ dm٣ = ……… cm٣

$\frac{1}{2}$ litres = ……… cm^3

٥ litres = ……… cm٣

٣,٥ litres = ……… cm٣

١ dm٣ = ……… Millilitres

$\frac{1}{4}$ dm^3 = ……… Millilitres

٧٠٠٠ Millilitres = …… Litres

٢٤٠٠٠ Millilitres = …… Litres

٦ ٠٠٠ Millilitres = …… Litres

٢ ٣٠٠ Millilitres = …… Litres

٥٠٠ Millilitres = …… Litres

٢٥٠ Millilitres = …… Litres

٧٥٠ Millilitres = …… Litres

٢ ٠٠٠ cm٣ = ……… dm٣

٥ ٠٠٠ cm٣ = ……… dm٣

٦ ٣٠٠ cm٣ = ……… dm٣

١٠ ٠٠٠ cm٣ = ……… dm٣

٥٠٠ Millilitres = …… dm٣

٢٥٠ Millilitres = …… dm٣

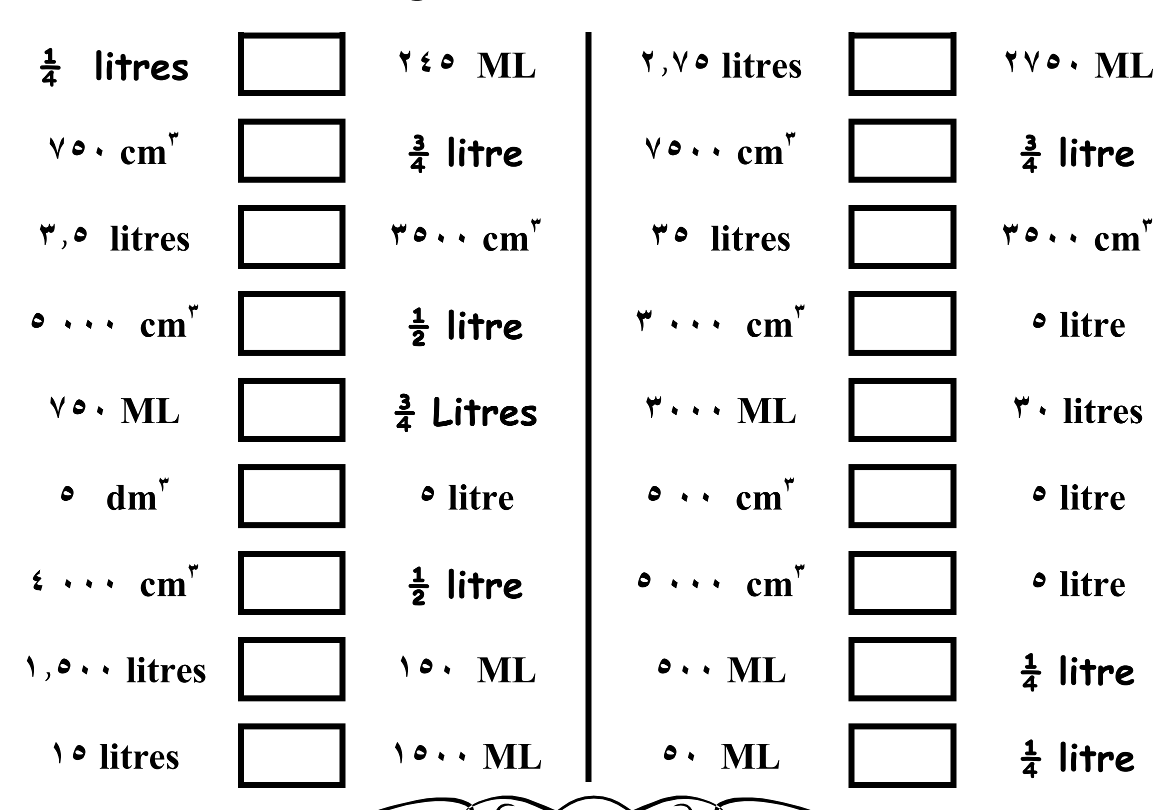
٧٥٠ Millilitres = …… Litres

٢ ٠٠٠ cm٣ = ……… Litres

٥ ٠٠٠ cm٣ = ……… Litres



[2] Put the suitable sign (<), (=) or (>):



$\frac{1}{4}$ litres		٢٤٥ ML	٢,٧٥ litres		٢٧٥٠ ML
٧٥٠ $cm^٣$		$\frac{3}{4}$ litre	٧٥٠٠ $cm^٣$		$\frac{3}{4}$ litre
٣,٥ litres		٣٥٠٠ $cm^٣$	٣٥ litres		٣٥٠٠ $cm^٣$
٥٠٠٠ $cm^٣$		$\frac{1}{2}$ litre	٣٠٠٠ $cm^٣$		٥ litre
٧٥٠ ML		$\frac{3}{4}$ Litres	٣٠٠٠ ML		٣٠ litres
٥ $dm^٣$		٥ litre	٥٠٠ $cm^٣$		٥ litre
٤٠٠٠ $cm^٣$		$\frac{1}{2}$ litre	٥٠٠٠ $cm^٣$		٥ litre
١,٥٠٠ litres		١٥٠ ML	٥٠٠ ML		$\frac{1}{4}$ litre
١٥ litres		١٥٠٠ ML	٥٠ ML		$\frac{1}{4}$ litre

[3] Choose the correct answer:

١) The capacity of a glass of water =…………

(3 litres, 25 Millilitres, 250 Millilitres)

٢) Eman bought a bottle of medicine of capacity ……….

($\frac{1}{5}$ litre, 2 litres, 1000 millilitres)

٣) We have a water tank of capacity ………………

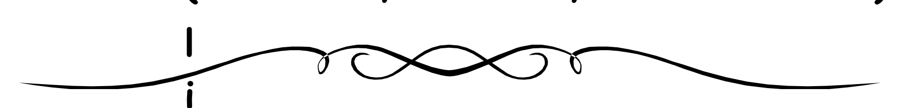
(200 mL, 50 L, 3000 mL)

٤) The average water consumption for a person is …………

(litres, ٢١..

٥) The amount of milk used by a family of four persons is ……….

(500 litres, 50 litres, 2000 millilitres)



[4] Arrange the following quantities in an ascending order:

٨,٧٥ litres, ٩٠٠٠ mL, ٥ litres, ٦٥٠٠ millilitres

…………………… , …………………… , …………………… , ……………………



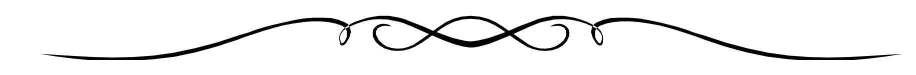
The weight

Complete as in number (a) :

a) 3 tons = 3 000 kilograms.
b) 7 240 kilograms = ... tons.
c) 75 kilograms = ... grams.
d) 12 000 grams = ... kilograms.
e) 7 tons = ... grams.
f) 500 000 grams = ... ton.
g) 70 kg. = ... gm.
h) 4 500 gm. = ... kg.
i) 1 kg. = ... ton.
j) 1 gm. = ... kg.
k) 60 gm. = ... kg.
l) 5 000 gm. = ... ton.
m) 1 000 gm. = ... ton.
n) 10 tons = ... kg.
o) .... kg. = 1 900 gm.
p) .... tons = 4 750 kg.
q) $\frac{1}{2}$ kg. = ... gm.
r) $4\frac{1}{2}$ tons = ... kg.

Complete as in number (a) :

a) 6 230 gm. = 6 kg. and 230 gm.
b) 3 715 gm. = ... kg. and .... gm.
c) 73 102 gm. = ... kg. and .... gm.
d) 9 251 kg. = ... tons and .... kg.
e) 53 kg. and 8 gm. = ... gm.
f) 6 kg. and 32 gm. = ... gm.



Complete :

a) $6\frac{1}{4}$ kg. + 200 gm. = ... gm.
b) $7\frac{1}{2}$ kg. + 250 gm. = ... gm.
c) $6\frac{3}{4}$ kg. + 250 gm. = ... kg.
d) $1\frac{3}{4}$ kg. + 50 gm. = ... gm.
e) $9\frac{1}{4}$ kg. + 750 gm. = ... gm. = ... kg.

Put the suitable relation (< , > or =) :

a) kg. ☐ ton.

b) kilogram ☐ gram.

c) 500 kg. ☐ 1 ton.

d) 10 tons ☐ 10 000 kg.

e) $3\frac{1}{4}$ kg. ☐ 3 250 gm.

f) 9 750 kg. ☐ 9 tons.

g) 750 gm. ☐ $\frac{1}{2}$ kg.

h) $6\frac{1}{2}$ tons ☐ 6 500 kg.

i) 8 780 kg. ☐ 9 tons.

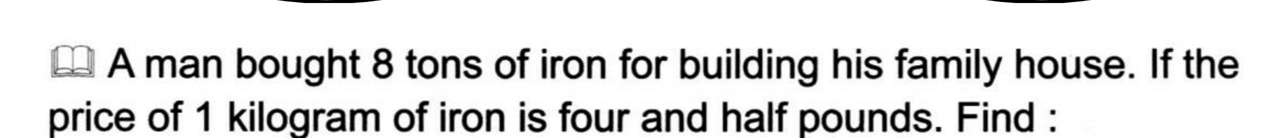
j) 3 kg. ☐ 3 000 gm.

k) 700 gm. ☐ 0.7 kg.

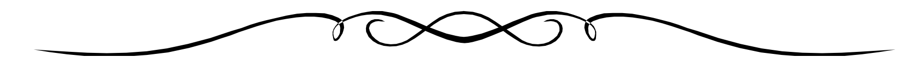
l) 1 ton ☐ 1 million grams.

A family of 5 persons eats 2 kg. of fish every week. The price of fish is L.E. 15 for a kilogram. How much money does this family pay for fish in a month ?

....

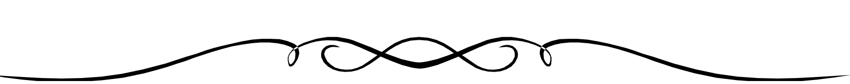

A man bought 8 tons of iron for building his family house. If the price of 1 kilogram of iron is four and half pounds. Find :

1. the price of one ton of iron.
2. the money paid for the iron he bought.



The price of 1 kg. of meat is L.E. 35 A family eats one and a half kilograms of meat every week. How much money does this family pay for meat in a month ?

....





The Time

[1] Complete:

١ day = ……………………………………………………………………… hours

٢ days = ……………………………………………………………………… hours

١ hour =……………………………………………………………………… minutes

٢ hours =……………………………………………………………………… minutes

١ minute =…………………………………………………………………… seconds

٢ minutes =…………………………………………………………………… seconds

١ day = ………….. hours = …….. X …….. = …………….. minutes

٢ days = ………….. hours = …….. X …….. = …………….. minutes

١ hour = ………….. minutes = …….. X …….. = …………….. seconds

٢ hours = ………….. minutes = …….. X …….. = …………….. seconds

١ day = ………….. minutes = …….. X …….. = …………….. seconds

٢ days = ………….. minutes = …….. X …….. = …………….. seconds

[2] Arrange in an ascending order:

$\frac{2}{3}$ of a day, 18 hours, 1020 minutes

……………………………… , ……………………………… , ………………………………

……………………………… , ……………………………… , ………………………………

[3] Arrange in a descending order:

$\frac{1}{4}$ of a day, 10 hours, 920 minutes

……………………………… , ……………………………… , ………………………………

……………………………… , ……………………………… , ………………………………







Sheet (9)

Collecting, Displaying and Representing Data

[1] The table below represents the number of students taking part in the activities from primary three and four:

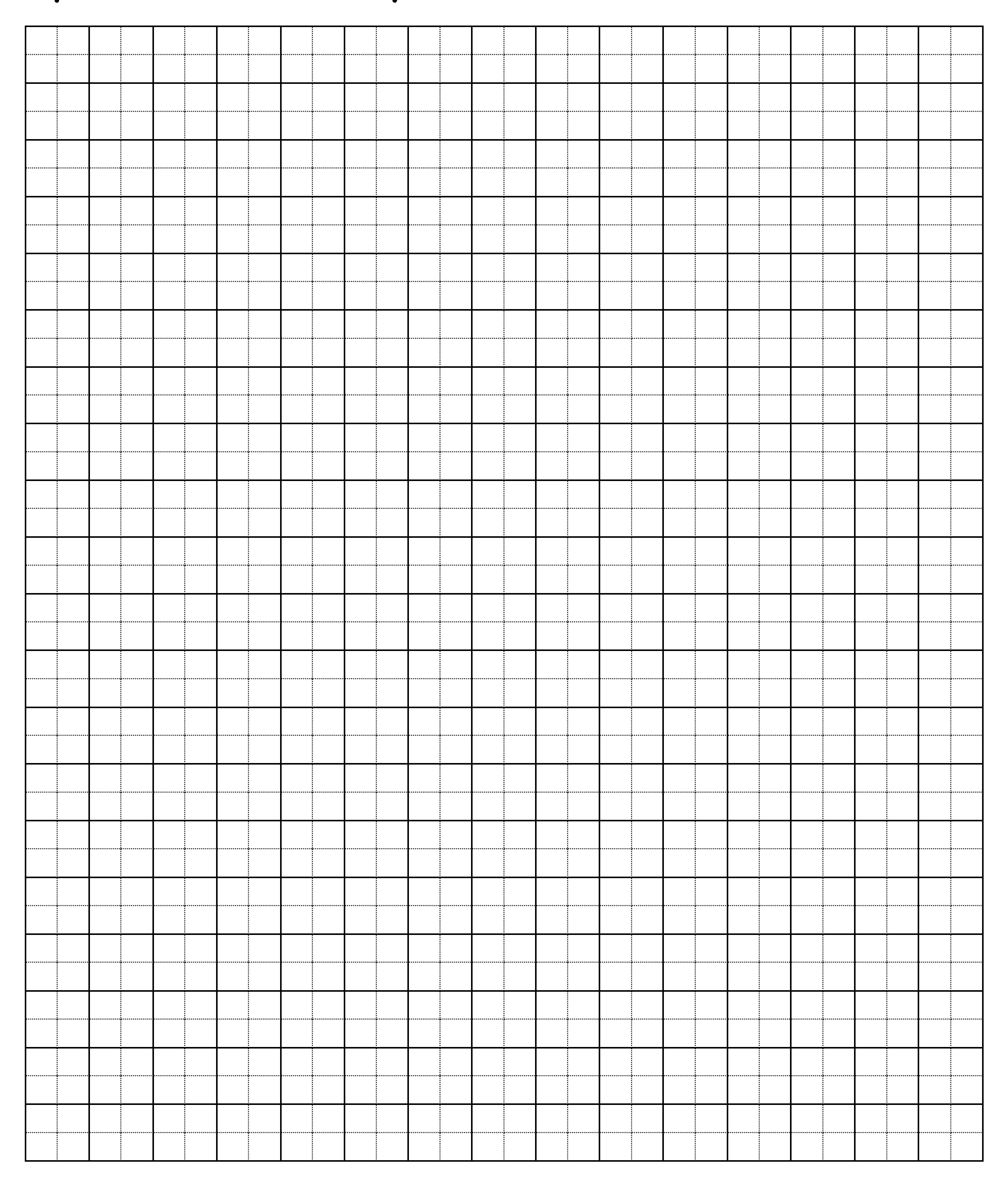
Activity	Cultural	Arts	Sports
Primary 3	٢٥	١٥	٢٠
Primary 4	١٠	٤٠	٥٠

Represent these data by double bars.

[2] The table below represents the temperature in the morning and at noon during 3 days

Day	Saturday	Sunday	Monday
In the morning	١٠°	١٥°	١٥°
Noon	٢٠°	٢٥°	٣٠°

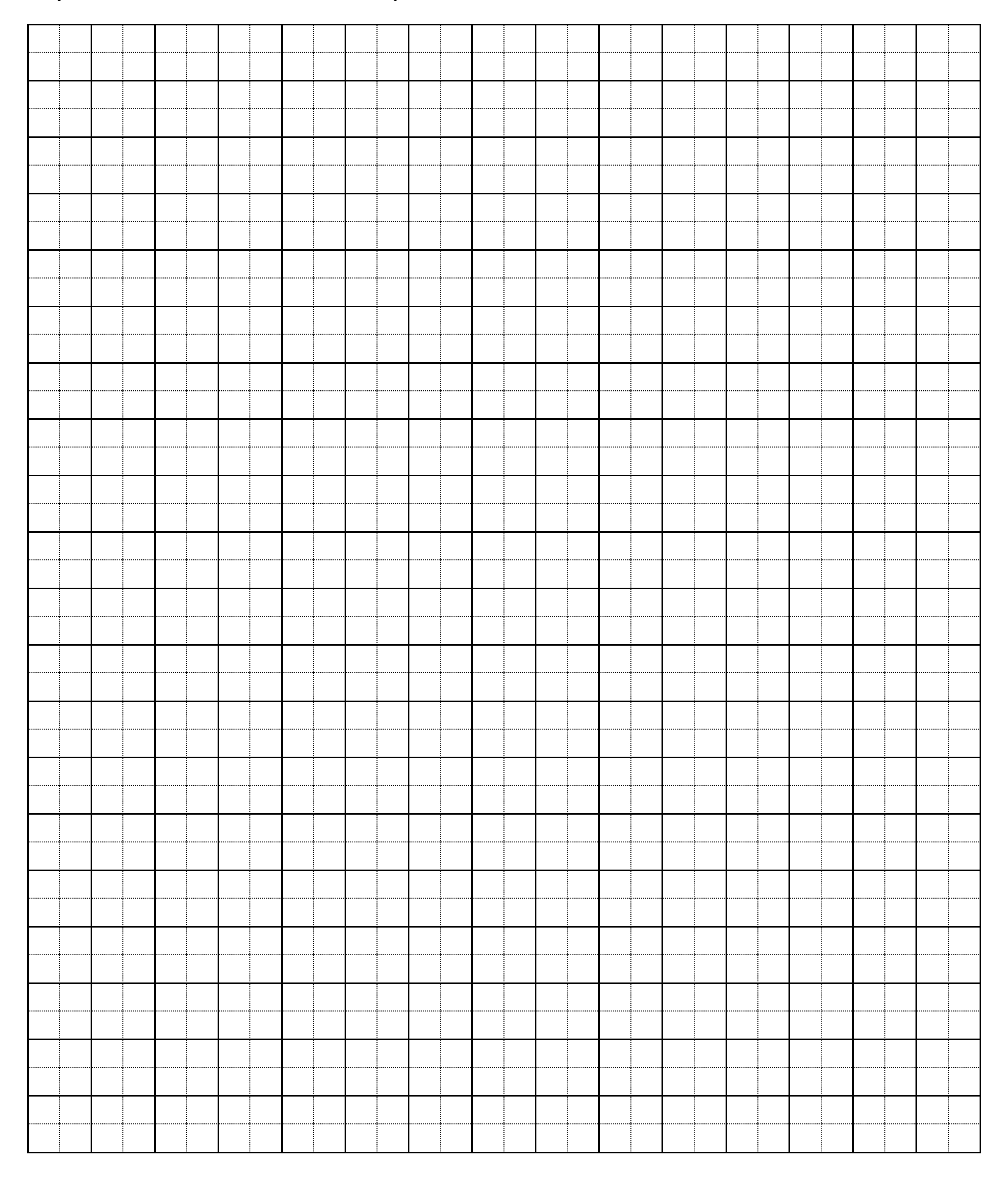
Represent these data by double bars.



[3] The table below shows the number of pupils in primary 4 participating in school activities in a primary school.

Activity	Sports	Social	Artistic	Cultural
Number of Pupils	٤٥	٢٥	٣٠	١٥

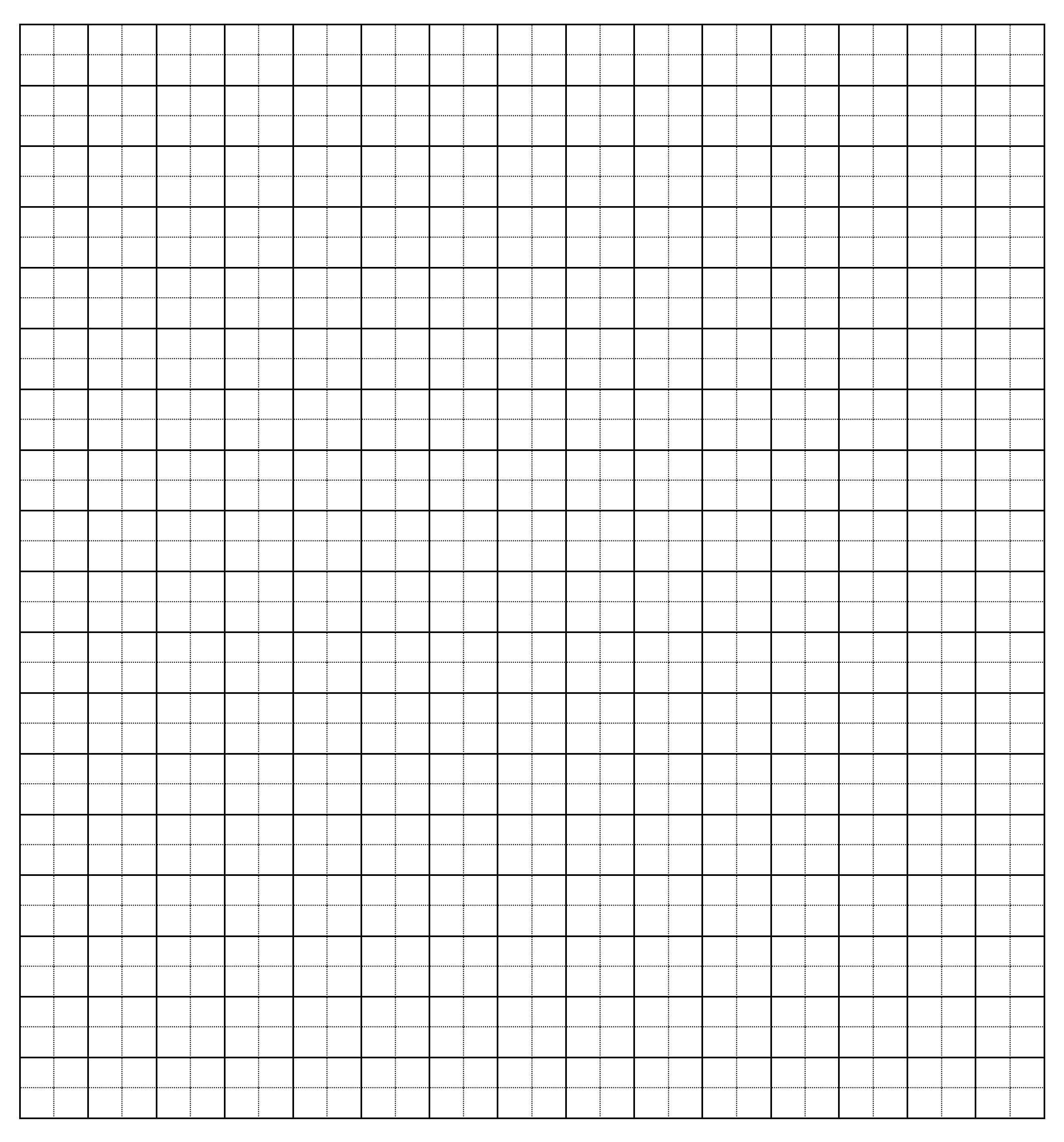
Represent these data by bars.



[4] The table below shows the number of hours that Walid and Fouad spend to study their lessons in 3 days a week.

Day / Pupil	Saturday	Sunday	Monday
Walid	3	4	3
Fouad	4	5	2

Represent these data by double bars.



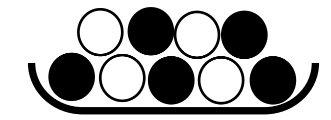


Sheet (10)
The Probability

[1] Complete by write "certain", "possible" or "impossible":

١) It is ……………………… to draw a black ball.

٢) It is ……………………… to draw a white ball.

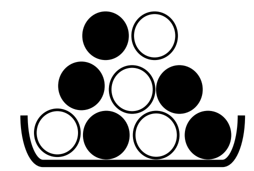


٣) It is ……………………… to draw a green ball.

٤) It is ……………………… to draw a ball.

[2] If a container holds 5 black balls and 4 white balls, one ball is drawn randomly:

١) The probability of the drawn ball being black = ………



٢) The probability of the drawn ball being white = ………

٣) The probability of the drawn ball being red = ………



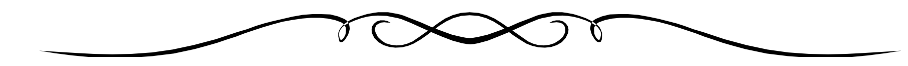
[3] A box contains 20 balls, 9 of them are green, 6 of them are red and 5 of them are blue. If a ball is drawn:

١) The probability of the drawn ball being red = ………

٢) The probability of the drawn ball being blue = ………

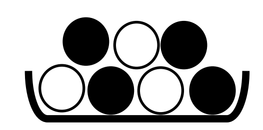
٣) The probability of the drawn ball being green = ………

٤) The probability of the drawn ball being white =………



[4] If a container holds 4 black balls and 3 white balls, one ball is drawn randomly:

١) The probability of the drawn ball being black = ………

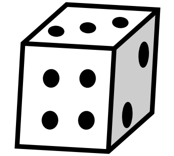


٢) The probability of the drawn ball being white = ………

٣) The probability of the drawn ball being red = ………



[5] If you throw a dice (die) once, what is the probability of seeing?



١) The number one on the upper face = ...

٢) The number 4 on the upper face = ...

٣) The number 7 on the upper face = ...

٤) The number 6 on the upper face = ...

٥) An odd number on the upper face = ...

٦) An even number on the upper face = ...

٧) A number greater than six on the upper face = ...

٨) A number smaller than six on the upper face = ...

٩) A number smaller than one on the upper face = ...



[6] In a class of 40 pupils, 23 are boys and 17 are girls. One day, one of the pupils was absent.

١) What is the probability of the absent pupil being a boy? ....

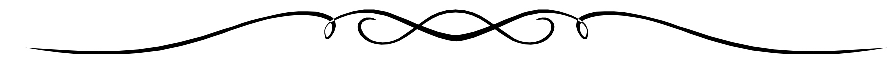
٢) What is the probability of the absent pupil being a girl? ....



[7] In a class of 50 pupils, 30 are boys and. One day, one of the pupils was absent.

١) What is the probability of the absent pupil being a boy? ....

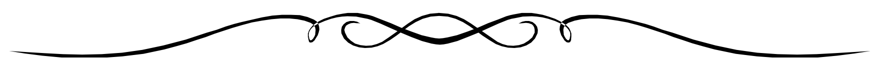
٢) What is the probability of the absent pupil being a girl? ....



[8] Kamal spun a coin 100 times. He got head 45 times. What is the probability of getting head or tail?

١) The probability of getting a head = ...

٢) The probability of getting a tail = ...

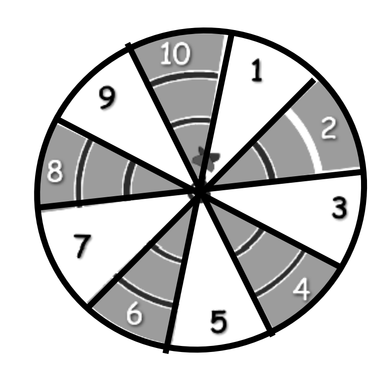


[9] Sherin had a box of pins in which there were 100 pins. All pins fell on the floor. Some stood on their bases, like this , and others fell tilted, like that . If the number of tilted pins were 35 pins, calculate the probability that a pin falls on its base.

The probability that a pin falls on its base = ……………………………



[10] The figure opposite shows a disc divided into equal sectors numbered from 1 to 10.



[1] Probability of the pointer pointing at a sector of the number 2 = ………

[2] Probability of the pointer pointing at a sector of a number more than 8 = ………

[3] Probability of the pointer pointing at a sector of a number less than 8 = ………

[4] Probability of the pointer pointing at a sector of an even number = ………

[5] Probability of the pointer pointing at a sector of an odd number = ………

[6] Probability of the pointer pointing at a sector of a number more than 10 = ………

[7] Probability of the pointer pointing at a sector of a number less than 1 = ………

Complete :

a The probability of the impossible event is ....

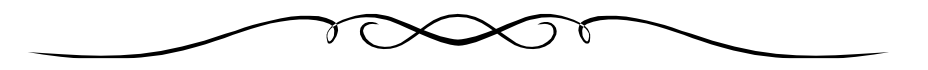
b The probability of the certain event is ....

c The sum of probabilities of all possible events = ...

d Probability of appearance of head when tossing a coin = ...

e Probability of getting the number 5 on the upper face when rolling a dice = ...

f If the probability of a student's failure is 0.2 , then the probability of his success is ....



In an experiment of tossing a single die once and observing the number on the top face , complete :



a The probability of getting the number 5 = ...

b The probability of getting an even number = ...

c The probability of getting an odd number = ...

d The probability of getting a number greater than 6 = ...

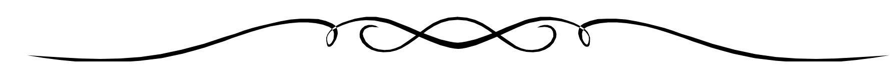
e The probability of getting a number less than or equal to 6 = ...

f The probability of getting a prime number = ...

g The probability of getting a prime even number = ...

h The probability of getting a number divisible by 5 = ...

i The probability of getting a number divisible by 3 = ...



A bag contains 5 red balls and 3 green balls.
If a ball is chosen at random from the bag , write the probability of each of the following events ?

a Choosing a red ball ....

b Choosing a yellow ball ....

c Choosing a green ball ....

d None of these ....



Circle the correct answer :

a The probability of the impossible event = ... (0 or 1 or $\frac{1}{2}$ or $\frac{1}{3}$)

b The probability of the certain event = ... (0 or 1 or $\frac{1}{2}$ or $\frac{1}{3}$)

c The probability of the certain event .... the probability of the possible event. (< or = or >)

d The probability of a possible event may be ....

(1 or 1.5 or 0 or $\frac{1}{3}$)

e When you flip a coin once , the probability of getting a tail = ...

(0 or 1 or $\frac{1}{2}$ or 2)

f When you throw a dice once , the probability of getting the number 3 is .... ($\frac{1}{6}$ or $\frac{3}{6}$ or 1 or 3)

g When you draw a card from 8 cards numbered from 1 to 8 , the probability of getting the number 4 is ....

($\frac{1}{2}$ or $\frac{1}{4}$ or $\frac{1}{8}$ or 4)

h A basket contains 5 white balls , 3 yellow balls and 2 green balls. If you draw one ball , the probability of getting a white ball = ...

($\frac{3}{10}$ or $\frac{3}{5}$ or $\frac{5}{8}$ or $\frac{1}{2}$)